

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A computer-implemented method for using workflows, the method comprising the steps of:

associating workflows with one or more groups in an identity system, each group including one or more users of the identity system;

receiving a request to perform a task that pertains to at least one identity profile of an entity in said identity system; and

performing a first workflow for said task, said first workflow is associated with a first group that includes a target identity profile of said request;

wherein:

said first workflow comprises a predefined set of steps that perform said task to affect the target identity profile, said predefined set of steps comprising a first step and a second step;

said first step is performed by a first program;

said second step is performed by a second program;

information is passed between said first program and said second program according to a defined set of rules; and

at least one of the first program and the second program is external to the workflow.

2. (Previously Presented) A method according to claim 1, wherein:
said step of associating includes associating said first workflow with said first group, said step of associating said first workflow includes choosing a first entry in a data

structure, said data structure is a hierarchical data structure of entities in the identity system, said first domain includes said first entry and entries below said first entry.

3. (Previously Presented) A method according to claim 2, wherein:
said step of performing includes identifying one or more workflows associated with said target identity profile.
4. (Previously Presented) A method according to claim 1, wherein:
said request includes an identification of said target identity profile;
said step of performing includes identifying a set of one more workflows that perform said task and are associated with groups that include said target identity profile, said set of one more workflows includes said first workflow.
5. (Previously Presented) A method according to claim 4, wherein:
said request is a request to delete said target identity profile.
6. (Previously Presented) A method according to claim 4, wherein:
said request is a request to modify said target identity profile.
7. (Previously Presented) A method according to claim 1, wherein:
said request includes an identification of said target identity profile; and
said step of performing includes the steps of:
identifying a set of one more workflows that perform said task and are associated with groups that include said target identity profile, said set of one more workflows includes said first workflow,
reporting said set of one more workflows,
receiving from a user a selection of said first workflow, and
performing one or more steps of said first workflow.
8. (Previously Presented) A method according to claim 1, wherein:

said step of performing includes identifying workflows for said task, identifying groups associated with said workflows for said task, and receiving from a user a selection of said first workflow.

9. (Original) A method according to claim 1, wherein:
said steps of associating, receiving and performing are performed by an integrated identity and access system.
10. (Original) A method according to claim 1, wherein:
said request is for self-registration.
11. (Original) A method according to claim 1, wherein:
said request is from a parent workflow; and
said first workflow is a sub-workflow to said parent workflow.
12. (Canceled)
13. (Previously Presented) A method according to claim 2, wherein:
said hierarchical data structure includes an LDAP directory.
14. (Previously Presented) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method comprising the steps of:
associating workflows with one or more groups in an identity system, each group including one or more users of the identity system;
receiving a request to perform a task that pertains to at least one identity profile of an entity in said identity system; and
performing a first workflow for said task, said first workflow is associated with a first group that includes a target identity profile of said request;
wherein:

said first workflow comprises a predefined set of steps that perform said task to affect the target identity profile, said predefined set of steps comprising a first step and a second step;

said first step is performed by a first program;

said second step is performed by a second program;

information is passed between said first program and said second program according to a defined set of rules; and

at least one of the first program and the second program is external to the workflow.

15. (Previously Presented) One or more processor readable storage devices according to claim 14, wherein:

said step of associating includes associating said first workflow with said first group, said step of associating said first workflow includes choosing a first entry in a data structure, said data structure is a hierarchical data structure of entities in the identity system, said first domain includes said first entry and entries below said first entry.

16. (Previously Presented) One or more processor readable storage devices according to claim 15, wherein:

said step of performing includes identifying one or more workflows associated with said target identity profile.

17. (Previously Presented) One or more processor readable storage devices according to claim 14, wherein:

said request includes an identification of said target identity profile;

said step of performing includes identifying a set of one more workflows that perform said task and are associated with groups that include said target identity profile, said set of one more workflows includes said first workflow.

18. (Previously Presented) One or more processor readable storage devices according to claim 14, wherein:

said request includes an identification of said target identity profile; and

said step of performing includes the steps of:

identifying a set of one more workflows that perform said task and are associated with groups that include said target identity profile, said set of one more workflows includes said first workflow,

reporting said set of one more workflows,

receiving from a user a selection of said first workflow, and

performing one or more steps of said first workflow.

19. (Previously Presented) One or more processor readable storage devices according to claim 14, wherein:

said step of performing includes identifying workflows for said task, and identifying groups associated with said workflows for said task, receiving from a user a selection of said first workflow.

20. (Original) One or more processor readable storage devices according to claim 14, wherein:

said steps of associating, receiving and performing are performed by an integrated identity and access system.

21. (Original) One or more processor readable storage devices according to claim 14, wherein:

said request is from a parent workflow; and

said first workflow is a sub-workflow to said parent workflow.

22. (Canceled)

23. (Previously Presented) One or more processor readable storage devices according to claim 15, wherein:

said hierarchical data structure includes an LDAP directory.

24. (Previously Presented) An apparatus that uses workflows, comprising:
a communication interface;
one or more processor in communication with said communication interface, said
one or more processors perform a method comprising the steps of:
associating workflows with one or more groups in an identity system, each
group including one or more users of the identity system;
receiving a request to perform a task that pertains to at least one identity
profile of an entity in said identity system; and
performing a first workflow for said task, said first workflow is associated
with a first group that includes a target identity profile of said request;
wherein:
said first workflow comprises a predefined set of steps that
perform said task to affect the target identity profile, said predefined set of steps
comprising a first step and a second step;
said first step is performed by a first program;
said second step is performed by a second program;
information is passed between said first program and said second
program according to a defined set of rules; and
at least one of the first program and the second program is external
to the workflow.
25. (Previously Presented) An apparatus according to claim 24, wherein:
said step of associating includes associating said first workflow with said first
group, said step of associating said first workflow includes choosing a first entry in a data
structure, said data structure is a hierarchical data structure of entities in the identity system, said
first domain includes said first entry and entries below said first entry.
26. (Previously Presented) An apparatus according to claim 25, wherein:

said step of performing includes identifying one or more workflows associated with said target identity profile and entries in said hierarchical data structure that are above said target identity profile.

27. (Previously Presented) An apparatus according to claim 24, wherein:
said request includes an identification of said target identity profile;
said step of performing includes identifying a set of one more workflows that perform said task and are associated with groups that include said target identity profile, said set of one more workflows includes said first workflow.

28. (Previously Presented) An apparatus according to claim 24, wherein:
said request includes an identification of said target identity profile; and
said step of performing includes the steps of:
identifying a set of one more workflows that perform said task and are associated with groups that include said target identity profile, said set of one more workflows includes said first workflow,
reporting said set of one more workflows,
receiving from a user a selection of said first workflow, and
performing one or more steps of said first workflow.

29. (Previously Presented) An apparatus according to claim 24, wherein:
said step of performing includes identifying workflows for said task, and
identifying groups associated with said workflows for said task, receiving from a user a selection of said first workflow.

30. (Original) An apparatus according to claim 24, wherein:
said one or more processors are part of an integrated identity and access system.

31. (Original) An apparatus according to claim 24, wherein:
said request is from a parent workflow; and
said first workflow is a sub-workflow to said parent workflow.

32. (Canceled)
33. (Previously Presented) An apparatus according to claim 25, wherein:
said hierarchical data structure includes an LDAP directory.
34. (Previously Presented) A method according to claim 1, wherein said task
comprises managing said target identity profile.
35. (Previously Presented) A method according to claim 34, wherein managing said
identity profile comprises one or more tasks selected from the group consisting of: creating a
user, deleting a user, changing a user attribute, creating a group, deleting a group, and changing a
group attribute.
36. (Previously Presented) A method according to claim 34, wherein managing said
identity profile comprises managing a certificate associated with said identity profile.
37. – 38. (Canceled)

Please add the following new claims:

39. (New) A computer-implemented method for using workflows, the method
comprising:
- associating workflows with one or more groups in an identity system, each group
including one or more users of the identity system and each user of the identity system having an
associated identity profile;
 - receiving a request to perform a task that pertains to a target identity profile in the
identity system, wherein the request includes an identification of the target identity profile;
 - identifying a set of one or more workflows that perform the task and are
associated with groups that include the user associated with the target identity profile;
 - reporting the set of one or more workflows;
 - receiving a user selection of a first workflow from the set of one or more
workflows; and

performing one or more steps of said first workflow to affect the target identity profile.

40. (New) The method of claim 39, wherein performing one or more steps of the first workflow to affect the target identity profile includes modifying the target identity profile.

41. (New) The method of claim 39, wherein performing one or more steps of the first workflow to affect the target identity profile includes deleting the target identity profile.

42. (New) The method of claim 39, wherein receiving the request to perform the task that pertains to the target identity profile comprises receiving the request from the user associated with the target identity profile.

43. (New) The method of claim 42, wherein receiving the user selection of the first workflow from the set of one or more workflows comprises receiving the user selection from the user associated with the target identity profile.